VPort 351 CGI Commands User's Manual

First Edition, February 2007

www.moxa.com/product

Moxa Networking Co., Ltd.
Tel: +886-2-8919-1711
Fax:+886-2-8919-1722
Web: www.moxa.com

MOXA Technical Support
Worldwide: support@moxa.com
The Americas support@usa.moxa.com

VPort 351 CGI Commands User's Manual

The software described in this manual is furnished under a license agreement and may be used only in accordance with the terms of that agreement.

Copyright Notice

Copyright © 2007 Moxa Networking Co., Ltd.
All rights reserved.
Reproduction without permission is prohibited.

Trademarks

MOXA is a registered trademark of The Moxa Group.
All other trademarks or registered marks in this manual belong to their respective manufacturers.

Disclaimer

Information in this document is subject to change without notice and does not represent a commitment on the part of MOXA.

MOXA provides this document "as is," without warranty of any kind, either expressed or implied, including, but not limited to, its particular purpose. MOXA reserves the right to make improvements and/or changes to this manual, or to the products and/or the programs described in this manual, at any time.

Information provided in this manual is intended to be accurate and reliable. However, Moxa Systems assumes no responsibility for its use, or for any infringements on the rights of third parties that may result from its use.

This product might include unintentional technical or typographical errors. Changes are periodically made to the information herein to correct such errors, and these changes are incorporated into new editions of the publication.

Table of Contents

Overview 1

General CGI URL Syntax and Parameters 1

Set/Get Configuration Parameter 2

system 2
systemio 3
security 3
network 3
http 3
rtsp 4
smtp 4
ftp 4
ipfilter 5
video 5
image 6
audio 6
upnp 6
multicast 6
serial 7
custcam 7
custcommand 7
powerfailsch 8
networkfailsch 8
videolosssch 9
disch 9
motionsch 10
sequentialsch 10
alarm 11
sequential 11
alarmbasic 12
dialarm 13
motiondetect 13
camctrl 14
event 15

PTZ Control CGI URL syntax and parameters 15

setPTZCtrl 15
Up / Down 16
Left / Right 16
ZoomSpeed 16
Home / sethome / ZOut / ZIn / FocusNear / FocusFar / AutoFocus / Stop 16
setPreset 16
addpreset 16
clearpreset / addpreset / GoPreset 16

Overview

This document describes the CGI commands that are used for the MOXA VPort 351 video encoder. Commands are included for set/get configuration parameters and PTZ control.

General CGI URL Syntax and Parameters

The CGIs are organized in function-related directories under the moxa-cgi directory, and are followed by one of two actions: ***setParam*** or ***getParam***. The file extension of the CGI is required. Parameters are written in lower-case and composed by section and item parts. When the CGI request includes parameters, the parameters must be written exactly as shown in this document.

Syntax:

http://<*servername*>/moxa-cgi/<action>.cgi?[<*section*>_<item>=<*value*>[&<*section*>_<item>=<*value*>...]]

Example:

http://videoserver.moxanet.net/moxa-cgi/setParam.cgi?http_httpport=80&rtsp_rtspport=554

Method:

GET/POST

Response:

HTTP/1.0 200 OK\r\n
Content-Type: text/plain\n
\n
<*parameter pair*>
where <*parameter pair*> is
<*section*>_<item>=<*value*>\n
[<*parameter pair*>]

When the action of the CGI command is setParam, <parameter pair> will not be returned. If the CGI command of getParam includes an invalid parameter name, the server will not return the value of the invalid parameter. When the CGI command of setParam includes an invalid parameter name, the server will not return the value of the invalid parameter.

Example:

HTTP/1.0 200 OK\r\n
Content-Type: text/plain\n
\n
http_httpport=80\n
rtsp_rtspport=554\n

Set/Get Configuration Parameter

These parameters are used for different VPort 351 function sections. The paramers include system information, security, network, video, audio, and alarm. Every section has one or many items. The detailed information about sections and items are shown in the following table.

- Section names are typed in bold-face at the top of each table (e.g., system).
- Paramteres are case-sensitive
  G: getParam available
  S: setParam available

system

Item	Action	Value	Description
hostname	G/S	Max 40 char	Server name
timezone	G/S	-12 to 12	Time zone setting, for NTP usage
date	G/S	yyyy/mm/dd	date in server
time	G/S	hh:mm:ss	time in server
timemethod	G/S	1: Keep current date and time 2: Sync with computer time 3: Manual 4: Automatic (NTP)	Server time adjustment method
ntpserver	G/S	Char or IP, max length 40	NTP server IP or URL
updateinterval	G/S	3600: One hour 86400: One day 604800: One week 259200: One month	Sync interval with NTP Server
firmwareversion	G	xx.yy.zz	Firmware version
firmwarebuildtime	G	yymmddhh	Firmware build time
do01	G/S	0: Close 1: Open	DO1 Status
do02	G/S	0: Close 1: Open	DO2 Status
serialnumber	G	xxxxx	Product serial number
macaddress	G	aa:bb:cc:dd:ee:ff	Mac address
modelname	G	VPort 351	Model name

Example:

Change Server Time:

http://videoserver.moxanet.net/moxa-cgi/setParam.cgi?system_timemethod=3&date=yyyy/mm/dd&time=hh:mm:ss

Set NTP

http://videoserver.moxanet.net/moxa-cgi/setParam.cgi?system_timemethod=4&ntpserver=bitsy.mit.edu&timezone=8&updateinterval=3600

systemio

Item	Action	Value	Description
do01	G/S	0: Close 1: Open	DO1 Status
do02	G/S	0: Close 1: Open	DO2 Status

security

Item	Action	Value	Description
username01	G	admin	Administrator account
userpass01	G/S	Max 14 char	Administrator password
userattr01	G	talk|camctrl|do1|do2|conf talk : Audio Output camctrl : PTZ Control do1 : DO1 Control do2 : DO2 Control conf : Configuration	Administrator privileges
username02 to username11	G/S	Max 16 char	User1 to User 10 account
userpass02 to userpass11	G/S	Max 14 char	User1 to User10 password
userattr 02 to userattr11	G/S	Camctrl|do1|do2 Camctrl : PTZ Control do1 : DO1 Control do2 : DO2 Control	User1 to User 10 privileges of PTZ, DO1 and DO2 control right.

network

Item	Action	Value	Description
networktype	G/S	1: Get IP address automatically 2: Use fixed IP address	Method used to get the IP address
ipaddress	G/S	xxx.yyy.zzz.www	IP address
subnet	G/S	xxx.yyy.zzz.www	Subnet mask
router	G/S	xxx.yyy.zzz.www	Router IP address
dns01	G/S	xxx.yyy.zzz.www	First DNS IP address
dns02	G/S	xxx.yyy.zzz.www	Second DNS IP address

http

Item	Action	Value	Description
httpport	G/S	1 to 65535	http server port number

rtsp

Item	Action	Value	Description
rtspport	G/S	1 to 65535	rtsp server port number
udpaccessname	G	udpStream	Rtsp unicast access name
multicastaccessname	G	multicastStream	Rtsp multicast access name
httpaccessname	G	udpStream	http unicast access name

smtp

Item	Action	Value	Description
serverip01, serverip02	G/S	Max 40 char	First and second SMTP IP or URL
username01, username02	G/S	Max 63 char	Username of first and second SMTP server
password01, password02	G/S	Max 15 char	Password of first and second SMTP server
returnemail01, returnemail02	G/S	Max 80 char	Sender's email address of first and second SMTP server
mailto01, mailto02	G/S	Max 80 char	First and second recipient's email address

ftp

Item	Action	Value	Description
serverip01, serverip02	G/S	Max 40 char	First and second FTP server IP or URL
port01, port02	G/S	1 to 65535	Port Number of first and second FTP server
username01, username02	G/S	Max 63 char	Username of first and second FTP server
password01, password02	G/S	Max 15 char	Password of first and second FTP server
folder01, folder02	G/S	Max 40 char	Folder path of first and second FTP server
pasvmode01, pasvmode02	G/S	1: enable passive mode 0: disable passive mode	Passive mode of first and second SMTP server

ipfilter

Item	Action	Value	Description
allowip01 to allowip10	G/S	xxx.yyy.zzz.www	IP address of Accessible IP List 01 to 10
allowmask01 to allowmask10	G/S	xxx.yyy.zzz.www	Subnet mask of Accessible IP List 01 to 10
enable	G/S	1: enable "Accessible IP list"function 0: disable "Accessible IP list" function	Enable or disable "Accessible IP list" function

video

Item	Action	Value	Description
text	G/S	Max 14 char	Information about the video
imprinttimestamp	G/S	0: Not Shown 1: Shown on the caption 2: Shown on the image	The location of shown video information
size	G/S	1: 720x480(NTSC), 720x576(PAL) 2: 640x480(NTSC), 640x576(PAL) 3: 352x240(NTSC), 352x288(PAL) 4: 320x240(NTSC), 320x288(PAL)	Video resolution
maxframe	G/S	1: 1 (NTSC), 1(PAL) 2: 3(NTSC), 3(PAL) 3: 10(NTSC), 8(PAL) 4: 15(NTSC), 12(PAL) 5: 30(NTSC), 25(PAL)	Maximum frame rate per second
keyinterval	G/S	5, 13, 30, 60, 90	Key frame interval
bitrate	G/S	20: 600 Kbps, 40: 1200 Kbps 60: 1800 Kbps, 80: 2400 Kbps 100: 3000 Kbps, 120: 3600 Kbps 140: 4200 Kbps, 160: 4800 Kbps 180: 5400 Kbps	Video bit rate
quant	G/S	13: Medium 11: Standard 8: Good 6: Detailed 4: Excellent	Video quality
quality	G/S	1: Fixed bit rate 2: Fixed quality	Video quality
modulation	G/S	0: Auto (auto detection) 1: NTSC 2: PAL	Select video input modulation format
actualmodulation	G	1: NTSC 2: PAL	The auto detection result of video input Modulation format

image

Item	Action	Value	Description
mode	S	save	Save the adjusted image setting into server
brightness	G/S	-5 to 5	Video brightness adjustment
contrast	G/S	-5 to 5	Video contrast adjustment
hue	G/S	-5 to 5	Video hue adjustment
saturation	G/S	-5 to 5	Video saturation adjustment

audio

Item	Action	Value	Description
source	G/S	1: Line in 2: Microphone	Audio input type

upnp

Item	Action	Value	Description
enable	G/S	0: disable UPnP 1: enable UPnP	Enable/disable UPnP function

multicast

Item	Action	Value	Description
ipaddress	G/S	xxx.yyy.zzz.www	Media multicast IP address
videoport	G/S	1 to 65535 (Video Port & audio Port Must distance 2)	Video multicast port number
audioport	G/S	1 to 65535 (Video Port & audio Port Must distance 2)	Audio multicast port number
ttl	G/S	1 to 255	TTL value of multicast packet

serial

Item	Action	Value	Description
camid	G/S	0 to 255	Camera ID
uartmode	G/S	0: RS232 1: RS485/RS422	Uart mode
baudrate	G/S	110, 300, 600, 1200, 2400, 3600, 4800, 7200, 9600, 19200, 38400, 57600	Baudrate (bps)
databit	G/S	5 to 8	Data bit
stopbit	G/S	1, 1.5, 2	Stop bit
paritybit	G/S	0: None 1: Odd 2: Even	Parity bit
ptzdriver	G/S	0: None 1: Custom Camera 2: Pelco D	PTZ camera selection

custcam

Item	Action	Value	Description
customcmd01	G/S	Max 60 char	Custom "Up" command
customcmd02	G/S	Max 60 char	Custom "Down" command
customcmd03	G/S	Max 60 char	Custom "Left" command
customcmd04	G/S	Max 60 char	Custom "Right" command
customcmd05	G/S	Max 60 char	Custom "Zoom in" command
customcmd06	G/S	Max 60 char	Custom "Zoom out" command
customcmd07	G/S	Max 60 char	Custom "Focus near" command
customcmd08	G/S	Max 60 char	Custom "Focus far" command
customcmd09	G/S	Max 60 char	Custom "Home" command
customcmd10	G/S	Max 60 char	Custom "Stop" command

custcommand

Item	Action	Value	Description
speedlinkname01 to speedlinkname10	G/S	Max 8 char	User defined command name
speedlinkcmd01 to speedlinkcmd10	G/S	Max 60 char	User defined command instruction

powerfailsch

Item	Action	Value	Description
all	G/S	1: Event Alarms are active all the time 0: Event Alarms are active based on weekly schedule	Time period of Power fail event alarm action
sunenable, monenable, tueenable, wenenable, thuenable, frienable, satenable	G/S	0: disable 1: enable	Enable/Disable Power fail event alarm action from Sunday to Saturday
sunbegin, monbegin, tuebegin, wenbegin, thubegin, fribegin, satbegin,	G/S	hh:mm	Begin time of Power fail event alarm action from Sunday to Saturday
sunend, monend, tueend, wenend, thuend, friend, satend,	G/S	hh:mm	Duration of Power fail event alarm action from Sunday to Saturday

networkfailsch

Item	Action	Value	Description
all	G/S	1: Event Alarms are active all the time 0: Event Alarms are active based on weekly schedule	Time period of network fail event alarm action
sunenable, monenable, tueenable, wenenable, thuenable, frienable, satenable	G/S	0: disable 1: enable	Enable/Disable network fail event alarm action from Sunday to Saturday
sunbegin, monbegin, tuebegin, wenbegin, thubegin, fribegin, satbegin,	G/S	hh:mm	Begin time of network fail event alarm action from Sunday to Saturday
sunend, monend, tueend, wenend, thuend, friend, satend,	G/S	hh:mm	Duration of network fail event alarm action from Sunday to Saturday

videolosssch

Item	Action	Value	Description
all	G/S	1: Event Alarms are active all the time 0: Event Alarms are active based on weekly schedule	Time period of video loss event alarm action
sunenable, monenable, tueenable, wenenable, thuenable, frienable, satenable	G/S	0: disable 1: enable	Enable/Disable video loss event alarm action from Sunday to Saturday
sunbegin, monbegin, tuebegin, wenbegin, thubegin, fribegin, satbegin,	G/S	hh:mm	Begin time of video loss event alarm action from Sunday to Saturday
sunend, monend, tueend, wenend, thuend, friend, satend,	G/S	hh:mm	Duration of video loss event alarm action from Sunday to Saturday

disch

Item	Action	Value	Description
all	G/S	1: Event Alarms are active all the time 0: Event Alarms are active based on weekly schedule	Time period of DI event alarm action
sunenable, monenable, tueenable, wenenable, thuenable, frienable, satenable	G/S	0: disable 1: enable	Enable/Disable DI event alarm action from Sunday to Saturday
sunbegin, monbegin, tuebegin, wenbegin, thubegin, fribegin, satbegin,	G/S	hh:mm	Begin time of DI event alarm action from Sunday to Saturday
sunend, monend, tueend, wenend, thuend, friend, satend,	G/S	hh:mm	Duration of DI event alarm action from Sunday to Saturday

motionsch

Item	Action	Value	Description
all	G/S	1: Event Alarms are active all the time 0: Event Alarms are active based on weekly schedule	Time period of motion detection event alarm action
sunenable, monenable, tueenable, wenenable, thuenable, frienable, satenable	G/S	0: disable 1: enable	Enable/Disable motion detection event alarm action from Sunday to Saturday
sunbegin, monbegin, tuebegin, wenbegin, thubegin, fribegin, satbegin,	G/S	hh:mm	Begin time of motion detection event alarm action from Sunday to Saturday
sunend, monend, tueend, wenend, thuend, friend, satend,	G/S	hh:mm	Duration of motion detection event alarm action from Sunday to Saturday

sequentialsch

Item	Action	Value	Description
all	G/S	1: Event Alarms are active all the time 0: Event Alarms are active based on weekly schedule	Time period of sequential snapshot action
sunenable, monenable, tueenable, wenenable, thuenable, frienable, satenable	G/S	0: disable 1: enable	Enable/Disable sequential snapshot action from Sunday to Saturday
sunbegin, monbegin, tuebegin, wenbegin, thubegin, fribegin, satbegin,	G/S	hh:mm	Begin time of sequential snapshot action from Sunday to Saturday
sunend, monend, tueend, wenend, thuend, friend, satend,	G/S	hh:mm	Duration of sequential snapshot action from Sunday to Saturday

alarm

Item	Action	Value	Description
enablepowerfail	G/S	0: disable power fail alarm 1: enable power fail alarm	Enable/disable power failure alarm
triggerpower01, triggerpower02	G/S	0: disable power failure trigger relay alarm 1: enable power failure trigger relay alarm	Enable/Disable power (01, 02) failure to trigger relay alarm
poweraction01, poweraction02	G/S	1: Relay1 2: Relay2	power (01, 02) failure triggers relay1 or relay2 alarm
powerfailsendemail01, powerfailsendemail02	G/S	0: disable power failure from triggering alarm by sending mail 1: enable power failure to trigger alarm by sending mail	Enable/Disable power (01, 02) failure to trigger sending warning mail
enablenetworkfail	G/S	0: disable network from disconnecting alarm 1: enable network to disconnect alarm	Enable/disable network to disconnect alarm
triggernetworkfail01	G/S	0: disable network disconnect from triggering relay alarm 1: enable network disconnect to trigger relay alarm	Enable/Disable network disconnect to trigger relay alarm
networkfailaction01	G/S	1: Relay1 2: Relay2	Network disconnect triggers relay1 or relay2 alarm

sequential

Item	Action	Value	Description
enable	G/S	0: disable sequential snapshot 1: enable sequential snapshot	Enable/disable sequential snapshot
snapshotsec	G/S	1 to 99999	Sequential snapshot time interval in second
sendsnapaction	G/S	1: Send snapshot image via E-mail 2: Send snapshot image via FTP	Snapshot image sent by E-mail or FTP

alarmbasic

Item	Action	Value	Description
delaysec	G/S	10 to 99	Alarm tine interval
enablebefore	G/S	0: disable pre-alarm snapshot 1: enable pre-alarm snapshot	Enable/disable pre-alarm snapshot
beforesec	G/S	1 to 6	Time before alarm that pre-alarm snapshots are active
enableafter	G/S	0: disable post-alarm snapshot 1: enable post-alarm snapshot	Enable/disable post-alarm snapshot
aftersec	G/S	1 to 999	Time after alarm that post-alarm snapshots are active
attachdate	G/S	0: don't suffix date/time information in snapshot file name 1: suffix date/time information in snapshot file name	suffix date/time information in snapshot file name
enablecustword	G/S	0: don't suffix customized words in snapshot file name 1: suffix customized words in snapshot file name	suffix customized words in snapshot file name
customerword	G/S	Max 60 char	customized words to append to snapshot file name
overriderelay01, overriderelay02	G/S	0: disable override Relay1 or Relay2 warning setting 1: enable override Relay1 or Relay2 warning setting	Enable/disable override Relay1 or Relay2 warning setting
sendvideo	G/S	1: Digital Input 1 2: Digital Input 2 3: Motion Detection Area 1 4: Motion Detection Area 2 5: Motion Detection Area 3 6: Video Loss	Select the event to trigger for video recording.
maxrecordsize	G/S	1, 2, 3, 4, 5, 6, 7, 8, 9	Maximum size of recorded video in MB
prerecordsize	G/S	0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100	Ratio of pre-recorded video size to total recorded video size in percentage

dialarm

Item	Action	Value	Description
enable	G/S	0: disable DI alarm 1: enable DI alarm	Enable/disable DI alarm
triggercond01, triggercond02	G/S	0: High 1: Low 2: Rising 3: Falling	DI (01, 02) trigger condition
triggerdo1_01, triggerdo1_02	G/S	0: disable DO1 alarm 1: enable DO1 alarm	Enable/disable DI (01, 02) trigger DO1 alarm
triggerdo2_01, triggerdo2_02	G/S	0: disable DO2 alarm 1: enable DO2 alarm	Enable/disable DI (01, 02) trigger DO alarm
sendviaemail01, sendviaemail02	G/S	0: disable sending snapshot image by email 1: enable sending snapshot image by email	Enable/disable DI (01, 02) trigger to send snapshot images by email
sendviaftp01, sendviaftp02	G/S	0: disable sending snapshot images by ftp 1: enable sending snapshot images by ftp	Enable/disable DI (01, 02) trigger to send snapshot images by ftp

motiondetect

Item	Action	Value	Description
enable	G/S	0: disable Video Motion Detection alarm 1: enable Video Motion Detection alarm	Enable/disable Video Motion Detection alarm
showalert	G/S	0: disable show alert on the image when VMD is triggered 1: enable show alert on the image when VMD is triggered	Enable/disable Show alert on the image when VMD is triggered
triggerdo1_01, triggerdo1_02, triggerdo1_03	G/S	0: disable trigger Relay1 1: enable trigger Relay1	Enable/disable VMD (1, 2, 3) trigger Relay1 alarm
triggerdo2_01, triggerdo2_02, triggerdo2_03	G/S	0: disable trigger Relay2 1: enable trigger Relay2	Enable/disable VMD (1, 2, 3) trigger Relay2 alarm
sendviaemail01, sendviaemail02, sendviaemail03	G/S	0: disable sending snapshot image by email 1: enable sending snapshot image by email	Enable/disable VMD (1, 2, 3) trigger to send snapshot images by email
sendviaftp01, sendviaftp02, sendviaftp03	G/S	0: disable sending snapshot images by ftp 1: enable sending snapshot images by ftp	Enable/disable VMD (1, 2, 3) trigger to send snapshot images by ftp

Item	Action	Value	Description
winenable01, winenable02, winenable03	G/S	0: disable VMD(1, 2, 3) 1: enable VMD(1, 2, 3)	Enable/disable VMD (1, 2, 3) working
winname01, winname02, winname03	G/S	Max 15 char	Name of VMD (1, 2, 3)
winleft01, winleft02, winleft03	G/S	Range of values is limited by the video size.	The x coordinate of the left-top point of VMD (1, 2, 3) window
wintop01, wintop02, wintop03	G/S	Range of values is limited by the video size.	The y coordinate of the left-top point of VMD (1, 2, 3) window
winwidth01, winwidth02, winwidth03	G/S	Range of values is limited by the video size and coordinates of upper left point of motion window.	The width of VMD (1, 2, 3) window
winheight01, winheight02, winheight03	G/S	Range of values is limited by the video size and coordinates of upper left point of motion window.	The height of VMD (1, 2, 3) window
winobjsize01, winobjsize02, winobjsize03	G/S	1 to 100	Threshold to judge the motion of VMD (1, 2, 3) window in percentage
winsensitivity	G/S	1 to 5	Sensitivity to judge the motion of VMD (1, 2, 3) window in 5 degrees

camctrl

Item	Action	Value	Description
presetname01 to presetname20	G	Max 60 char	Name of preset camera control position
drivers01 to drivers10	G	Max 60 char	Name of camera control driver

event

Item	Action	Value	Description
di01status, di02status	G	0: High 1: Low	Status of di01 and di02
do01status, do02status	G	0: Close 1: Open	Status of do01 and do02
powerstatus01, powerstatus02	G	0: Disconnected 1: Connected	Status of power01 and power02
videostatus	G	0: Disconnected 1: Connected	Video input connection status
audiostatus	G	0: Off 1: On	Audio test switch status
faultstatus	G	0: Off 1: On	Fault LED status

PTZ Control CGI URL syntax and parameters

PTZ Control CGIs are used to control the PTZ action of cameras or devices. The CGIs are organized in function-related directories under the moxa-cgi directory and followed by one of two actions: ***setPTZCtrl*** and ***setPreset***. The file extension of the CGI is required. The first parameter is "move". It indicates the command of this request. The next parameter is "item"; note that "item" must be written exactly the same as shown in this document.

Syntax:

http://<*servername*>/moxa-cgi/<action>.cgi?move=<value>&[<item>=<*value*>[&<item>=<*value*>...]]

Example:

http://videoserver.moxanet.net/moxa-cgi/setPreset.cgi?move=clearPreset&PresetIndex=6

Method:

GET/POST

Response:

HTTP/1.0 200 OK\r\n
Content-Type: text/plain\n
\n

If the parameter of the CGI command includes an invalid value, the server will modify the invalid setting to a reasonable value.

setPTZCtrl

This function is used to control the PTZ movement. PTZ movement includes ***Up***, ***Down***, ***Left***, ***Right***, ***Home***, ***sethome*** (set current position as home tag), ***ZoomSpeed***, ***ZOut***, ***ZIn***, ***FocusNear***, ***FocusFar***, ***AutoFocu*** and ***Stop***. For different movements, the value of "move" and validate parameters are different. The detailed description is classified by the "move" value and is listed as follows.

Example:

http://videoserver.moxanet.net/moxa-cgi/setPTZCtrl.cgi?move=Up&speedtilt=3

Up / Down

Item	Value	Description
speedtilt	-5 to 5	Increase or decrease the tilt speed of PTZ device

Left / Right

Item	Value	Description
speedpan	-5 to +5	Increase or decrease the pan speed of PTZ device

ZoomSpeed

Item	Value	Description
Speedzoom	-5 to +5	Increase or decrease the zoom speed of PTZ device

Home / sethome / ZOut / ZIn / FocusNear / FocusFar / AutoFocus / Stop

These "move" values do not have "item" parameters.

setPreset

This function is used to control the preset tag of the PTZ movement. There are three "move" values, ***clearpreset***, ***addpreset***, and ***GoPreset***. ***addpreset*** is used to add the current PTZ position to a preset tag. ***clearpreset*** is used to remove a preset tag. ***GoPreset*** is used to move the PTZ device to a preset position.

Example:

http://videoserver.moxanet.net/moxa-cgi/setPreset.cgi?move=GoPreset&PresetIndex=3

addpreset

Item	Value	Description
PresetIndex	1 to 20	Preset position index
name	Max 15 char	Name of preset

clearpreset / addpreset / GoPreset

Item	Value	Description
PresetIndex	1 to 20	Preset position index